

AMENDMENTS TO THE CLAIMS

Claim 1 (withdrawn): A purified human proteins having any one of the amino acid sequences of SEQ ID No: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158 or 160.

Claim 2 (currently amended): A ~~DNA fragment~~ nucleotide sequence encoding the protein of ~~claim 1~~ SEQ ID NO: 2.

Claim 3 (currently amended): A ~~DNA fragment~~ nucleotide sequence having the base sequence of ~~the translated region in~~ SEQ ID No: ~~1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157 or 159~~ SEQ ID NO: 1, which is human cDNA encoding the protein of ~~claim 1~~ SEQ ID NO: 2.

Claim 4 (cancelled)

Claim 5 (currently amended): An expression vector which comprises the nucleotide sequence of claim 2, and which is capable of ~~expressing any one of the DNA fragment of claims 2 to 4~~ in vitro or in vivo expression of the nucleotide sequence by ~~in vitro translation or within host cell~~.

Claim 6 (currently amended): The expression vector of claim 5, which further comprises ~~is capable of expressing a fused DNA fragment of the DNA fragment of any one of claims 2 to 4 and the DNA fragment~~ a nucleotide sequence encoding a fluorescent protein which is fused to the nucleotide sequence encoding the protein of SEQ ID NO: 2.

Claim 7 (withdrawn): A fluorescent protein-fused protein, which is an expression product of the expression vector of claim 6.

Claim 8 (currently amended): A cell transformed with the expression vector of claim 5 or 6, which is capable of producing the protein of ~~claim 1~~ SEQ ID NO: 2 or the fluorescent ~~protein-fused protein of claim 7~~ fusion protein thereof.

Claim 9 (withdrawn): An antibody against the protein of claim 1.